Always there to help you

Register your product and get support at
www.philips.com/support

HTB9150
HTB7150

User manual

PHILIPS

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1 Help and support

Philips provides extensive online support. Visit our website at www.philips.com/support to:

- download the complete user manual
- print the quick start guide
- watch video tutorials (available only for selected models)
- find answers to frequently answered questions (FAQs)
- email us a question
- chat with our support representative.

Follow the instructions on the website to select your language, and then enter your product model number.

Alternatively, you can contact Philips Consumer Care in your country. Before you contact Philips, note down the model number and serial number of your product. You can find this information on the back or bottom of your product.

Use onscreen help (user manual)

For easy access, the onscreen help (user manual) is stored on your home theater.

The onscreen help has two panels.

- The left panel contains two tabs - **Contents** and **Index**. Navigate the **Contents** or **Index** to select a topic. The legends used to display the **Contents** are as follows:
  - ▶ : Press **OK** to expand the subtopics.
  - ▼ : Press **OK** to collapse the subtopics, or press **Navigation buttons** (up/down) to select a topic.
- To move between the left and right panel, press **Navigation buttons** (left/right).
- The right panel contains the content of the selected topic. For additional help on the content, scroll down the page to see **Related topics**.

Use the home theater remote control to select and navigate the onscreen help (see 'Navigate onscreen help' on page 2).

Navigate onscreen help

Press a button on your remote control to use onscreen help.

Button	Action
HELP	Access or exit onscreen help.
OK	Display the selected page, or expand subtopics in **Contents.**
Navigation buttons	Up: Scroll up or move to the previous page. Down: Scroll down or move to the next page. Right: Navigate to the right panel or next index entry. Left: Navigate to the left panel or previous index entry.
⮌ BACK	Move up in the **Contents** or **Index**. From the right panel, move to the **Contents** on the left panel.
⏮ (**Previous**)	Display the last viewed page in history.
⏭ (**Next**)	Display the next page from history.

2 Important

Read and understand all instructions before you use your product. If damage is caused by failure to follow instructions, the warranty does not apply.

Safety

Risk of electric shock or fire!

- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power outlet immediately. Contact Philips Consumer Care to have the product checked before use.
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

Risk of short circuit or fire!

- Before you connect the product to the power outlet, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

Risk of injury or damage to the home theater!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.
- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Do not touch the disc optical lens inside the disc compartment.
- Parts of this product can be made of glass. Handle with care to avoid injury and damage.

Risk of overheating!

- Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.

Risk of contamination!

- Do not mix batteries (old and new or carbon and alkaine, etc.).
- Danger of explosion if batteries are incorrectly replaced. Replace only with the same or equivalent type.
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances, they should be disposed of properly.

Risk of swallowing batteries!

- The product/remote control may contain a coin/button type battery, which can be swallowed. Keep the battery out of reach of children at all times! If swallowed, the battery can cause serious injury or death. Severe internal burns can occur within two hours of ingestion.
- If you suspect that a battery has been swallowed or placed inside any part of the body, seek immediate medical attention.
- When you change the batteries, always keep all new and used batteries out of reach of children. Ensure that the battery compartment is completely secure after you replace the battery.
- If the battery compartment cannot be completely secured, discontinue use of the product. Keep out of reach of children and contact the manufacturer.

This is CLASS II apparatus with double insulation, and no protective earth provided.

Care for your product

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Use only microfiber cloth to clean the product.

Care of the environment

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste.
Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

3D health warning

If you or your family has a history of epilepsy or photosensitive seizures, consult a medical professional before exposing yourself to flashing light sources, rapid image sequences or 3D viewing.

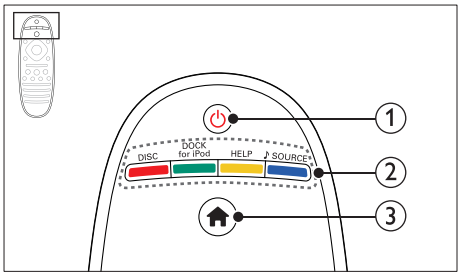
To avoid discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time. If you experience any discomfort, stop watching 3D and do not immediately engage in any potentially hazardous activity (for example driving a car) until your symptoms have disappeared. If symptoms persist, do not resume watching 3D without consulting a medical professional first.
Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under six years of age as their visual system is not fully developed yet.

3 Your home theater

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers(e.g. notification of product software upgrade), register your product at www.philips.com/welcome.

Remote control

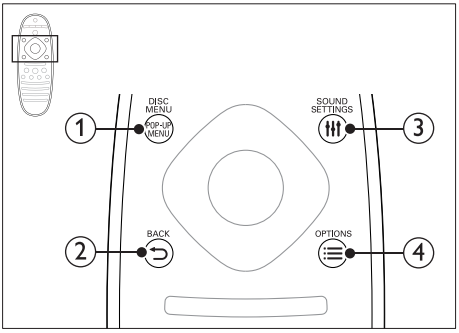
This section includes an overview of the remote control.



① ⏻ (Standby-On)
- Switch the home theater on or to standby.
- When EasyLink is enabled, press and hold for at least three seconds to switch all connected HDMI CEC compliant devices to standby.

② Source buttons / Color buttons
- **Color buttons**: Select tasks or options for Blu-ray discs or Smart TV services.
- **DISC**: Switch to disc source.
- **DOCK for iPod**: Switch to Philips dock for iPod or iPhone.
- **HELP**: Access the onscreen help.
- **♪ SOURCE**: Select an audio input source or radio source.

③ 🏠 (Home)
Access the home menu.

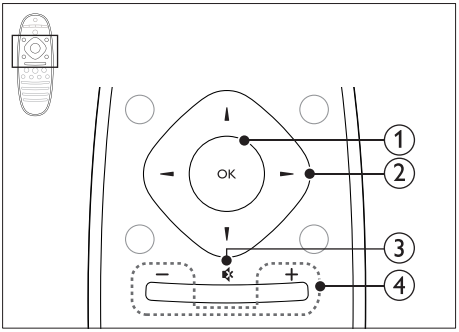


① POP-UP MENU/DISC MENU
Access or exit the disc menu when you play a disc.

② ⮌ BACK
- Return to a previous menu screen.
- In radio mode, press and hold to erase the current preset radio stations.

③ SOUND SETTINGS
Access or exit sound options.

④ ☰ OPTIONS
- Access more play options while playing a disc or a USB storage device.
- In radio mode, set a radio station.

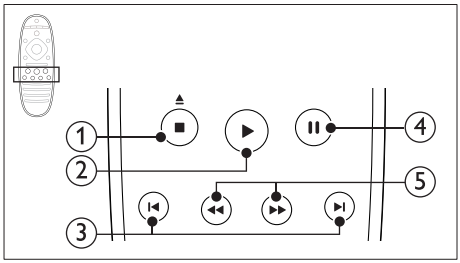


① OK
Confirm an entry or selection.

② **Navigation buttons**
- Navigate menus.
- In radio mode, press left or right to start auto search.
- In radio mode, press up or down to tune the radio frequency.
- During network and password setup, press left to delete a character.

③ **(Mute)**
Mute or restore volume.

④ **+/- (Volume)**
Increase or decrease volume.



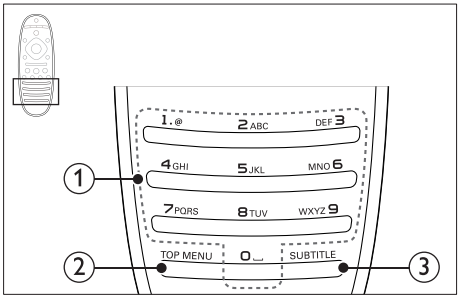
① **■ (Stop) / ▲ (Eject)**
- Stop play.
- Press and hold for three seconds to eject a disc.

② **▶ (Play)**
Start or resume play.

③ **I◀◀ / ▶▶I (Previous/Next)**
- Skip to the previous or next track, chapter or file.
- In radio mode, select a preset radio station.

④ **II (Pause)**
Pause play.

⑤ **◀◀ / ▶▶ (Fast Backward/Fast Forward)**
Search backwards or forward. Press repeatedly to change the search speed.



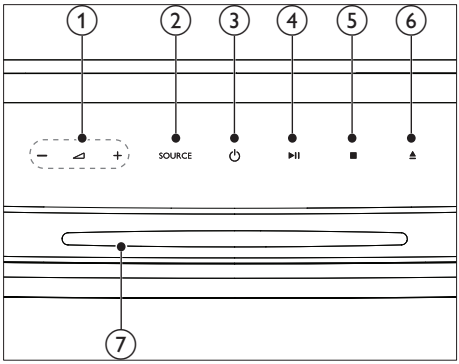
① **Alphanumeric buttons**
- Enter values or letters (using SMS style entry).
- In radio mode, select a preset radio station.

② **TOP MENU**
Access the main menu of a video disc.

③ **SUBTITLE**
Select subtitle language for video.

Main unit

This section includes an overview of the main unit.



① **◿ +/-**
Increase or decrease volume.

② **SOURCE**
Select an audio or video source for the home theater.

③ ⏻ (Standby-On)
Switch the home theater on or to standby.

④ ▶II (Play/Pause)
Start, pause or resume play.

⑤ ■ (Stop)
- Stop play.
- In radio mode, press and hold to erase the current preset radio stations.

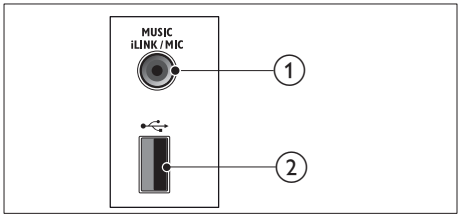
⑥ ⏏ (Eject)
Press and hold for three seconds to eject a disc.

⑦ Disc compartment

Connectors

This section includes an overview of the connectors available on your home theater.

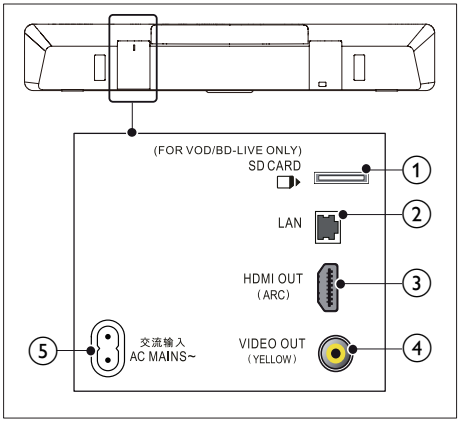
Side left



① MUSIC iLINK / MIC (MIC is available only in selected models)
- Audio input from an MP3 player or a microphone.
- Audio input from a microphone. (Available only in selected models)

② ⇠ (USB)
Audio, video or picture input from a USB storage device.

Rear left



① SD CARD FOR VOD/BD-LIVE ONLY
Slot for SD card. The SD card is used to rent online videos and access BD-Live.

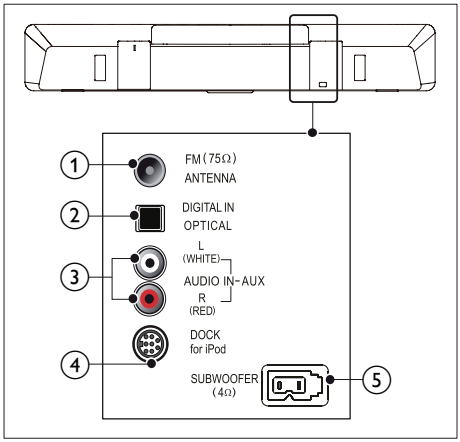
② LAN
Connect to the LAN input on a broadband modem or router.

③ HDMI OUT (ARC)
Connect to the HDMI input on the TV.

④ VIDEO OUT
Connect to the composite video input on the TV.

⑤ AC MAINS~
Connect to the power supply.

Rear right



① ANTENNA FM 75 Ω
Signal input from an antenna, cable or satellite.

② DIGITAL IN-OPTICAL
Connect to an optical audio output on the TV or a digital device.

③ AUDIO IN-AUX
Connect to an analog audio output on the TV or an analog device.

④ DOCK for iPod
Connect to a Philips dock for iPod or iPhone.(Model: Philips DCK306x, sold separately)

⑤ SUBWOOFER
Connect to the supplied subwoofer.

4 Connect and set up

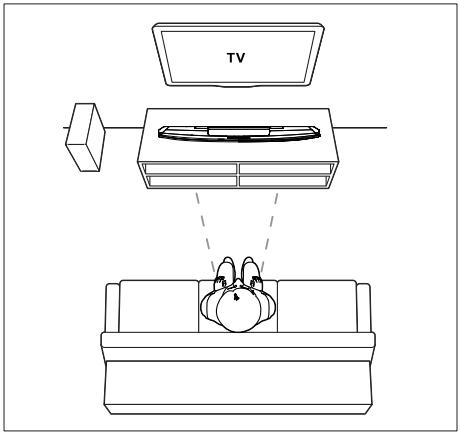
This section helps you connect your home theater to a TV and other devices, and then set it up.
For information about the basic connections of your home theater and accessories, see the quick start guide.

Note

- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.

Placement

Place the subwoofer at least 1 meter (3 feet) away from your home theater, and ten centimeters away from the wall.
For best results, place your subwoofer as shown below.

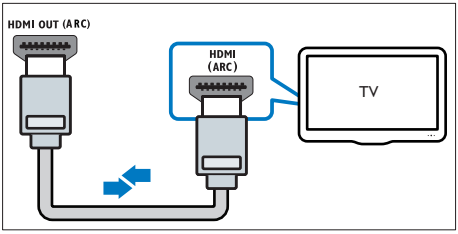


Connect to TV

Connect your home theater to a TV to watch videos. You can listen to the TV audio through your home theater speakers.
Use the best quality connection available on your home theater and TV.

Option 1: Connect to TV through HDMI (ARC)

Best quality video
Your home theater supports HDMI version with Audio Return Channel (ARC). If your TV is HDMI ARC compliant, you can hear the TV audio through your home theater by using a single HDMI cable.



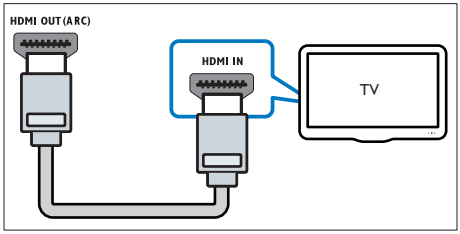
1 Using a High Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on your home theater to the **HDMI ARC** connector on the TV.
   - The **HDMI ARC** connector on the TV might be labeled differently. For details, see the TV user manual.

2 On your TV, turn on HDMI-CEC operations. For details, see the TV user manual.
   - If you cannot hear the TV audio through your home theater, set up the audio manually.

Option 2: Connect to TV through standard HDMI

Best quality video

If your TV is not HDMI ARC compliant, connect your home theater to the TV through a standard HDMI connection.



1. Using a High Speed HDMI cable, connect the **HDMI OUT (ARC)** connector on your home theater to the **HDMI** connector on the TV.
2. Connect an audio cable to hear the TV audio through your home theater (see 'Connect audio from TV and other devices' on page 11).
3. On your TV, turn on HDMI-CEC operations. For details, see the TV user manual.
   - HDMI-CEC is a feature that enables CEC compliant devices that are connected through HDMI to be controlled by a single remote control, such as volume control for both the TV and the home theater. (see 'Set up EasyLink (HDMI-CEC control)' on page 12)
4. If you cannot hear the TV audio through your home theater, set up the audio manually. (see 'Set up the audio' on page 13)

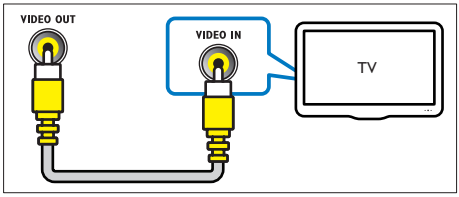
Note

- If your TV has a DVI connector, you can use an HDMI/DVI adapter to connect to TV. However, some of the features may not be available.

Option 3: Connect to the TV through composite video

Basic quality video

If your TV does not have HDMI connectors, use a composite video connection. A composite connection does not support high-definition video.



1. Using a composite video cable, connect the **VIDEO OUT** connector on your home theater to the **VIDEO IN** connector on the TV.
   - The composite video connector might be labeled **AV IN**, **COMPOSITE**, or **BASEBAND**.
2. Connect an audio cable to hear the TV audio through your home theater (see 'Connect audio from TV and other devices' on page 11).
3. When you watch TV programs, press **SOURCE** on your home theater repeatedly to select the correct audio input.
4. When you watch videos, switch your TV to the correct video input. For details, see the TV user manual.

Connect audio from TV and other devices

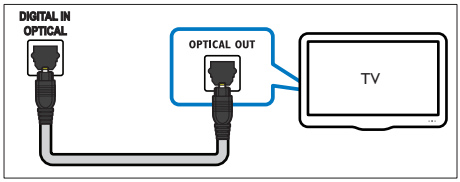
Play audio from TV or other devices through your home theater speakers.
Use the best quality connection available on your TV, home theater, and other devices.

Note

- When your home theater and TV are connected through HDMI ARC, an audio connection is not required (see 'Option 1: Connect to TV through HDMI (ARC)' on page 10).

Option 1: Connect audio through a digital optical cable

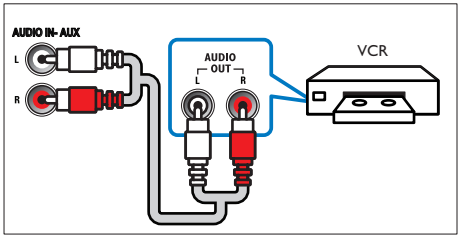
Best quality audio



1 Using an optical cable, connect the **OPTICAL** connector on your home theater to the **OPTICAL OUT** connector on the TV or other device.
   - The digital optical connector might be labeled **SPDIF** or **SPDIF OUT**.

Option 2: Connect audio through analog audio cables

Basic quality audio



1 Using an analog cable, connect the **AUX** connectors on your home theater to the **AUDIO OUT** connectors on the TV or other device.

Set up EasyLink (HDMI-CEC control)

This home theater supports Philips EasyLink, which uses the HDMI-CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI can be controlled by a single remote control.

Note

- Depending on the manufacturer, HDMI-CEC is known by many names. For information on your device, see the user manual of the device.
- Philips does not guarantee 100% interoperability with all HDMI-CEC devices.

Before you start

- Connect your home theater to the HDMI-CEC compliant device through HDMI connection.
- Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theater.

Enable EasyLink

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[EasyLink]** > **[EasyLink]** > **[On]** .
4 On your TV and other connected devices, turn on HDMI-CEC control. For details, see the user manual of the TV or other devices.
   - On your TV, set the audio output to 'Amplifier' (instead of TV speakers). For details, see the TV user manual.

EasyLink controls

With EasyLink, you can control your home theater, TV, and other connected HDMI-CEC compliant devices with a single remote control.

- **[One Touch Play]** (One-touch play): When a video disc is in the disc compartment, press ▶ (**Play**) to wake up the TV from standby, and then play a disc.
- **[One Touch Standby]** (One-touch standby): If one-touch standby is enabled, your home theater can switch to standby with the remote control of the TV or other HDMI-CEC devices.
- **[System Audio Control]** (System audio control): If system audio control is enabled, the audio of the connected device is output through your home theater speakers automatically when you play the device.
- **[Audio Input Mapping]** (Audio input mapping):If system audio control does not work, map the connected device to the correct audio input connector on your home theater.

Note

- To change the EasyLink control settings, press ⌂ (**Home**), select **[Setup]** > **[EasyLink]**.

Set up the audio

If you cannot hear the audio output of a connected device through your home theater speakers, do the following:

- Check that you have enabled EasyLink on all the devices, (see 'Set up EasyLink (HDMI-CEC control)' on page 12) and
- on your TV, set the audio output to "Amplifier" (instead of TV speakers). For details, see the TV user manual, and
- setup the EasyLink audio control.

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[EasyLink]** > **[System Audio Control]** > **[On]**.
   - To play the audio from the TV speakers, select **[Off]**, and skip the following steps.
4 Select **[EasyLink]** > **[Audio Input Mapping]**.
5 Follow the onscreen instructions to map the connected device to the audio inputs on your home theater.
   - If you connect your home theater to the TV through an **HDMI ARC** connection, make sure that the TV audio is mapped to the ARC input on your home theater.

Connect and set up a home network

Connect your home theater to a network router through wired or wireless network connection, and enjoy:

- Streamed multimedia content
- Smartphone control (see 'Smartphone control' on page 21)
- Smart TV (see 'Browse Smart TV' on page 23)
- Internet radio (see 'Internet radio' on page 24)
- Software update (see 'Update software through the Internet' on page 33)

Caution

- Familiarize yourself with the network router, media server software and networking principles. If necessary, read documentation that accompanies the network components. Philips is not responsible for lost, damaged, or corrupt data.

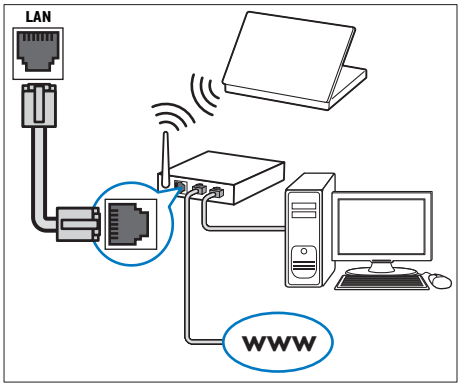
Before you start

- For Smart TV, Video call and software updates, make sure that the network router has access to the Internet with high-speed connection and is not restricted by firewalls or other security systems.
- Make the necessary connections described in the quick start guide, and then switch the TV to the correct source for your home theater.

Set up the wired network

What you need

- A network cable (RJ45 straight cable).
- A network router (with DHCP enabled).



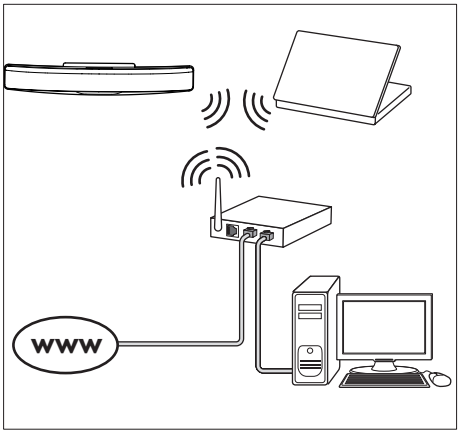
1. Using a network cable, connect the **LAN** connector on your home theater to the network router.
2. Press ⌂ (**Home**).
3. Select **[Setup]**, and then press **OK**.
4. Select **[Network]** > **[Network installation]** > **[Wired (Ethernet)]**.
5. Follow the onscreen instructions to complete the setup.
   - If connection fails, select **[Retry]**, and then press **OK**.
6. Select **[Finish]**, and then press **OK** to exit.
   - To view the network settings, select **[Setup]** > **[Network]** > **[View network settings]**.

Set up the wireless network

Your home theater has a built-in Wi-Fi for easy access to a wireless network.

What you need

- A network router (with DHCP enabled). For best wireless performance, coverage, and compatibility, use 802.11n router.



1. Press ⌂ (**Home**).
2. Select **[Setup]**, and then press **OK**.
3. Select **[Network]** > **[Network installation]** > **[Wireless (Wi-Fi)]**, and then press **OK**.
4. Follow the onscreen instructions to select and set up the wireless network.
   - If connection fails, select **[Retry]**, and then press **OK**.
5. Select **[Finish]**, and then press **OK** to exit.
   - To view the network settings, select **[Setup]** > **[Network]** > **[View wireless settings]**.

Personalize the network name

Name your home theater to easily identify it on your home network.

1. Press ⌂ (**Home**).
2. Select **[Setup]**, and then press **OK**.
3. Select **[Network]** > **[Name your Product:]**.
4. Press the **Alphanumeric buttons** to enter the name.
5. Select **[Done]**, and then press **OK** to exit.

5 Use your home theater

This section helps you use the home theater to play media from a wide range of sources.

Before you start

- Make the necessary connections described in the quick start guide and the user manual.
- Complete the first-time setup. First-time setup appears when you turn on your home theater or if you do not complete the setup.
- Switch the TV to the correct source for your home theater (for example, HDMI, AV IN).

Access the home menu

The home menu provides easy access to connected devices, setup and other useful features in your home theater.

1. Press ⌂ (**Home**).
   ↳ The home menu is displayed.
2. Press the **Navigation buttons** and **OK** to select the following:
   - **[play Disc]**: Start disc play.
   - **[browse USB]**: Access the USB content browser
   - **[browse iPod]**: Access the iPod or iPhone content browser.
   - **[Smart TV]**: Access Smart TV.
   - **[Internet Radio]**: Access Internet radio through your home theater.
   - **[browse PC]**: Access the computer content browser.
   - **[Setup]**: Access menus to change video, audio and other settings.
   - **[Help]**: Access onscreen user manual.
3. Press ⌂ (**Home**) to exit.

Discs

Your home theater can play DVDs, VCDs, CDs, and Blu-ray discs. It can also play discs that you've made at home, such as CD-R discs of photos, videos, and music.

1. Insert a disc into the home theater.
2. If the disc does not play automatically, press **DISC** or select **[play Disc]** from the home menu.
3. Use the remote control to control play (see 'Remote control' on page 6).
   - It is normal to hear a little noise when you play a Blu-ray disc. This does not mean that your home theater is faulty.

Play buttons

Button	Action
Navigation buttons	Navigate menus. Up/Down: Rotate the picture clockwise or counter-clockwise.
OK	Confirm an entry or selection.
▶ (**Play**)	Start or resume play.
❚❚	Pause play.
■	Stop play.
⏏	Press and hold for three seconds to eject a disc.
⏮ / ⏭	Skip to the previous or next track, chapter or file.
◀◀ / ▶▶	Search fast backwards or forward. When a video is paused, search slow backwards or forward.
SUBTITLE	Select subtitle language for video.
DISC/ POP-UP MENU	Access or exit the disc menu.
☰ **OPTIONS**	Access the advanced options when you play your audio, video, or media files (see 'Audio, video, and picture options' on page 18).

Synchronize picture and sound

If the audio and video are not synchronized, delay the audio to match the video.

1 Press **SOUND SETTINGS**.
2 Select **AUD SYNC**, and then press **OK**.
3 Press the **Navigation buttons** (up/down) to synchronize the audio with the video.
4 Press **OK** to confirm.

Play Blu-ray 3D disc

Your home theater can play Blu-ray 3D video. Read the 3D health warning before playing a 3D disc.

What you need

- A 3D TV
- A pair of 3D glasses that are compatible with your 3D TV
- A 3D Blu-ray video
- A high speed HDMI cable

1 Using the high speed HDMI cable, connect your home theater to a 3D compatible TV.
2 Make sure that the 3D video setting is enabled. Press **Home**, select **[Setup]** > **[Video]** > **[Watch 3D video]** > **[Auto]**.
   - To play 3D discs in 2D mode, select **[Off]**.
3 Play a Blu-ray 3D disc and put on the 3D glasses.
   - During video search and in certain play modes, the video is displayed in 2D. The video display returns to 3D when you resume play.

Note

- To avoid flickering, change the brightness of the display.

Bonus View on Blu-ray

On Blu-ray discs that support the Bonus View, enjoy extra content such as commentaries in a small screen window. Bonus View is also known as picture-in-picture.

1 Enable Bonus View in the Blu-ray disc menu.
2 While you play the movie, press **OPTIONS**.
   ↳ The options menu is displayed.
3 Select **[PIP selection]** > **[PIP]**.
   - Depending on the video, PIP menu [1] or [2] is displayed.
   - To disable Bonus View, select **[Off]**.
4 Select **[2nd audio language]** or **[2nd Subtitle Language]**.
5 Select the language, and then press **OK**.

BD-Live on Blu-ray

Access additional features on the Blu-ray discs with BD-Live content, such as internet chats with the director, the latest movie trailers, games, wallpaper, and ringtones.
BD-Live services and content vary from disc to disc.

What you need

- Blu-ray disc with BD-Live content.
- Storage device:
   - a USB storage device, with at least 1 GB of memory, or
   - an SD memory card of type SDHC Class 6, with at least 8 GB of memory.

1 Connect your home theater to a home network with Internet access (see 'Connect and set up a home network' on page 13).
2 Connect a USB storage device or insert a SD memory card to your home theater.
   - If prompted, follow the onscreen instructions to format the SD memory card.

- After formatting, the SD card will no longer be compatible with computers or cameras, unless formatted again using Linux operating system.

3 Press ⌂ (**Home**) and select **[Setup]**.

4 Select **[Advanced]** > **[Local storage]**.

5 Select **[USB]** or **[SD card]**.
- Use either a USB storage device or SD memory card to store the downloaded BD-Live content.

6 Select **[Advanced]** > **[BD-Live security]** > **[Off]** to enable BD-Live.
- To disable BD-Live, select **[On]**.

7 Select the BD-Live icon in the disc menu, and then press **OK**.
↳ BD-Live starts to load. The loading time depends on the disc and your internet connection.

8 Press the **Navigation buttons** to navigate BD-Live, and then press **OK** to select an option.

Note

- To clear the memory on the storage device, press ⌂ (**Home**), select **[Setup]** > **[Advanced]** > **[Clear memory]**.

Data files

Your home theater can play pictures, audio and video files contained in a disc or a USB storage device. Before you play a file, check that the file format is supported by your home theater (see 'File formats' on page 36).

1 Play the files from a disc or USB storage device.

2 To stop play, press ■.
- To resume the video from where you stopped, press ▶ (**Play**).
- To play the video from the start, press **OK**.

Note

- To play DivX DRM protected files, connect your home theater to a TV through an HDMI cable.

Subtitles

If your video has subtitles in multiple languages, select a subtitle language.

Note

- Make sure that the subtitle file has the exact same name as the video file. For example, if the video file is named 'movie.avi', name the subtitle file as 'movie.srt' or 'movie.sub'.
- Your home theater supports the following file formats: .srt, .sub, .txt, .ssa, .ass, smi, and .sami. If the subtitles do not appear correctly, change the character set.

1 While playing video, press **SUBTITLE** to select a language.

2 For DivX or RMVB/RM videos, if the subtitles do not appear correctly, continue the following steps to change the character set.

3 Press **OPTIONS**.
↳ The options menu is displayed.

4 Select **[Character set]**, and then select a character set that supports the subtitle.

Europe, India, LATAM, and Russia

Character Set	Language
[Standard]	English, Albanian, Danish, Dutch, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish
[Central Europe]	Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian
[Cyrillic]	Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian

Character Set	Language
[Greek]	Greek
[Baltic]	Estonian, Latvian and Lithuanian

Asia Pacific and China

Character Set	Language
[Standard]	Albanian, Danish, Dutch, English, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish, Turkish
[Chinese]	Simplified Chinese
[Chinese-Traditional]	Traditional Chinese
[Korean]	English and Korean

VOD code for DivX

Before you purchase DivX videos and play them on your home theater, register the home theater on www.divx.com using the DivX VOD code.

1. Press ⌂ (**Home**).
2. Select **[Setup]**, and then press **OK**.
3. Select **[Advanced]** > **[DivX® VOD Code]**.
   ↳ The DivX VOD registration code for your home theater is displayed.

USB storage devices

Enjoy pictures, audio, and video stored on a USB storage device such as an MP4 player or digital camera.

What you need

- A USB storage device that is formatted for FAT or NTFS file systems, and complies with the Mass Storage Class.
- A media file in one of the supported file formats (see 'File formats' on page 36).

Note

- If you use a USB extension cable, USB HUB, or USB multi-reader, the USB storage device may not be recognized.

1. Connect a USB storage device to the ⇠ (**USB**) connector on your home theater.
2. Press ⌂ (**Home**).
3. Select **[browse USB]**, and then press **OK**.
   ↳ A content browser is displayed.
4. Select a file, and then press **OK**.
5. Press the play buttons to control play (see 'Play buttons' on page 15).

Audio, video, and picture options

Use advanced features when you play pictures, audio and video files from a disc or a USB storage device.

Audio options

While playing audio, repeat an audio track, a disc, or a folder.

1. Press ☰ **OPTIONS** repeatedly to cycle through the following functions:
   - **RPT TRAC** / **RPT FILE**: Repeat the current track or file.
   - **RPT DISC** / **RPT FOLD**: Repeat all the tracks on the disc or the folder.
   - **RPT RAND**: Play audio tracks in random order.
   - **RPT OFF**: Turn off the repeat mode.

Video options

While watching video, select options such as subtitles, audio language, time search, and picture settings. Depending on the video source, some options are not available.

1. Press ☰ **OPTIONS**.
   ↳ The video options menu is displayed.

2 Press the **Navigation buttons** and **OK** to select and change:

- **[Audio language]**: Select audio language for video.
- **[Subtitle Language]**: Select subtitle language for video.
- **[Subtitle shift]**: Change the subtitle position on the screen.
- **[Info]**: Display information about what is playing.
- **[Character set]**: Select a character set that supports the DivX subtitle.
- **[Time search]**: Skip to a specific part of the video by entering the time of the scene.
- **[2nd audio language]**: Select the second audio language for Blu-ray video.
- **[2nd Subtitle Language]**: Select the second subtitle language for Blu-ray video.
- **[Titles]**: Select a specific title.
- **[Chapters]**: Select a specific chapter.
- **[Karaoke]** (Available in selected model and region): Change the karaoke settings.
- **[Angle list]**: Select a different camera angle.
- **[Menus]**: Display the disc menu.
- **[PIP selection]**: Display Picture-in-Picture window when playing a Blu-ray disc that supports the Bonus View.
- **[Zoom]**: Zoom into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
- **[Repeat]**: Repeat a chapter or title.
- **[Repeat A-B]**: Mark two points within a chapter or track to repeat play, or turn off the repeat mode.
- **[Picture settings]**: Select a predefined color setting.
- **[Audio sync]**: Delay the audio to match the video.
- **[2D to 3D]**: Select 2D or 3D video.

Picture options

While viewing a picture, zoom into the picture, rotate it, add animation to a slideshow, and change the picture settings.

1 Press ☰ **OPTIONS**.
↳ The picture options menu appears.

2 Press the **Navigation buttons** and **OK** to select and change the following settings:

- **[Rotate +90]**: Rotate the picture 90 degree clockwise.
- **[Rotate -90]**: Rotate the picture 90 degree counter-clockwise.
- **[Zoom]**: Zoom into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
- **[Info]**: Display picture information.
- **[Duration per slide]**: Select the display speed for each picture in a slide show.
- **[Slide animation]**: Select animation for the slide show.
- **[Picture settings]**: Select a predefined color setting.
- **[Repeat]**: Repeat a selected folder.
- **[2D to 3D]**:View 2D or 3D photo slideshow.

Musical slideshow

If the picture and audio files are from the same disc or USB storage device, you can create a musical slideshow.

1 Select an audio track, and then press **OK**.
2 Press ⮌ **BACK**, and go to the picture folder.
3 Select a picture, and then press ▶ (**Play**) to start the slideshow.
4 Press ■ to stop slideshow.
5 Press ■ again to stop music.

Note

- Make sure that the picture and audio formats are supported by your home theater (see 'File formats' on page 36).

Radio

Listen to FM radio on your home theater, and store up to 40 radio stations.

Note

- AM and digital radio are not supported.
- If no stereo signal is detected, or if fewer than five stations are found, you are prompted to install the radio stations again.

1 Connect the FM antenna to the **ANTENNA FM 75 Ω** on your home theater.
   - For the best reception, place the antenna away from your TV or other sources of radiation.

2 Press **Source buttons** repeatedly until **RADIO** appears on the display panel.
   ↳ If you have already installed the radio stations, the last channel that you listened to is played.
   ↳ If you have not installed any radio stations, the message **AUTO INSTALL...PRESS PLAY** appears on the display panel. Press ▶ (**Play**).

3 Use the remote control to listen or to change radio stations.

Play buttons

Button	Action
⏮ / ⏭ or **Alphanumeric buttons**	Select a preset radio station.
Navigation buttons	Left/Right: Search for a radio station. Up/Down: Fine tune a radio frequency.
■	Press to stop the installation of radio stations.
⮌ **BACK**	Press and hold to erase the preset radio station.
☰ **OPTIONS**	Manual: 1) Press ☰ **OPTIONS**. 2) Press ⏮ / ⏭ to select your preset. 3) Press ☰ **OPTIONS** again to store the radio station. Automatic: Press and hold for three seconds to reinstall the radio stations.
SUBTITLE	Toggle between the stereo and mono sounds.

Tuning grid

In some countries, you can toggle the FM tuning grid between 50 kHz and 100 kHz. When you switch the tuning grid, all preset radio stations are erased.

1 Press **Source buttons** repeatedly until **RADIO** appears on the display panel.
2 Press ■.
3 Press and hold ▶ (**Play**) to toggle between 50 kHz or 100 kHz.

MP3 player

Connect a MP3 player to play audio files.

What you need

- An MP3 player.
- A 3.5mm stereo audio cable.

1 Using the 3.5mm stereo audio cable, connect the MP3 player to the **MUSIC iLINK** connector on your home theater.
   - If you use 6.5mm stereo audio cable, connect the MP3 player to your home theater using a 3.5mm - 6.5mm converter jack.

2 Press ♪ **SOURCE** repeatedly until **MUSIC I-LINK** appears on the display panel.

3 Press the buttons on the MP3 player to select and play audio files.

iPod or iPhone

Connect a Philips dock to play music, photos, and videos from your iPod or iPhone.

What you need

- A Philips dock (model: Philips DCK306x, sold separately): to purchase it, visit www.philips.com/welcome
- A yellow composite video cable.

1. Connect the Philips dock to the **DOCK for iPod** connector on your home theater.
2. To view slideshow from your iPod or iPhone on your TV, connect the dock to the TV by using the yellow composite cable.
3. Switch on the iPod or iPhone, and place it on the dock.
   - Charge your iPod/iPhone on the dock while the home theater is in iPod mode.

Play music

1. Dock your iPod or iPhone.
2. Press **DOCK for iPod** on the home theater remote control.
3. Browse your iPod or iPhone screen to select the music.
4. Play the music on your iPod or iPhone.
   ↳ The music is heard on your home theater.

Browse the audio content from your TV (extended mode):

1. Press ⌂ (**Home**).
2. Select **[browse iPod]**, and then press **OK**.
   ↳ A content browser is displayed.
3. Press **Navigation buttons** to browse the audio content.
4. Press the play buttons to control play (see 'Play buttons' on page 15).
   - The local keys on your iPod or iPhone are disabled.
5. To exit the dock mode, press ⌂ (**Home**).

Play video and slideshow

1. Dock your iPod or iPhone (see 'iPod or iPhone' on page 21).
2. Press **DOCK for iPod** on the home theater remote control.
3. Switch the TV to the **AV/VIDEO** source (corresponding to the yellow composite cable).
   ↳ The TV screen goes blank.
4. From the iPod or iPhone screen, browse and play a video or photo slideshow.
   ↳ The video or photo slideshow is displayed on your TV.

Smartphone control

Use your mobile device such as iPhone (iOS 3.1.3 and above), Android phone (2.1 and above), iPad, or tablet to:

- Control your home theater
- Browse a data disc or USB storage device
- Switch to FM radio or Internet radio
- Browse Smart TV
- Personalize your sound settings
- Stream and share content from the devices on your home network

Before you start

- Connect your home theater, mobile device, and other DLNA-compatible devices to the same home network.
  - For better video quality, use wired connection whenever possible.
- Personalize the network name for your home theater (see 'Personalize the network name' on page 14).
- Download Philips **MyRemote** application on your mobile device.
  - For iPhone or iPad, search for the app in **App Store** (App Store).
  - For Android based phone or tablet, search for the app in **Market** (Market).

Control your home theater

1 On the mobile device, access **MyRemote** application.

2 Select your home theater (by its network name) from the home screen.
   ↳ A browsing bar is displayed at the bottom of the screen.
   - If your home theater is not found, check the network connection or tap the **Devices** tab on your mobile device to search again.

3 Select one of the following tabs to access more options.
   - To return to the previous screen, press back button.

Option	Action
App Home	Return to the home screen of your device.
Media	**DISC**: Browse and play a file stored on a data disc. **USB**: Browse and play a file stored on a USB storage device. **FM radio**: Switch to FM radio. **Internet radio**: Switch to Internet radio. Make sure that your home network has internet access.
Remote	Access the remote control on your mobile device. Swipe the screen to the left or right to access more buttons. Only the relevant buttons are enabled on your mobile device. Some functions such as standby and long press, are not available on the mobile device.
Sound	**MySound**: Personalize the sound setting to suit your preference. **Surround**: Select a surround sound setting.

4 Follow the onscreen instructions to select an option or complete the set up.

Stream multimedia content (SimplyShare)

Philips SimplyShare allows you to use your smartphone to stream multimedia content (such as pictures, audio and video files), and play through your home theater or any DLNA-compatible device in the same home network.

Before you start

- Install a DLNA-compliant media server application on your mobile device, such as Twonky Media Server.
- Enable media sharing of files. For details, check the user manual of the media server software software.

1 On the mobile device, launch the media server application. For iPhone or Android phone, access **MyRemote** application.

2 From the menu of your mobile device, select **SimplyShare**.
   ↳ Your home theater and other devices on the home network are automatically detected and displayed on the screen.

3 Select a device on the network.
   ↳ The folders in the selected device are displayed. Depending on the media server, the folder names may vary.
   - If you cannot see the folders, make sure that you enable media sharing on the selected device so that the content is available for sharing.

4 Select a media file to play.

5 From the menu on your mobile device, select the home theater to stream the media file to your home theater.
   - Some media files may not display or play due to compatibility issues. For your home theater, check the supported file formats.

6 Use your mobile device to control play.

Browse Smart TV

Use Smart TV to access variety of internet applications and specially adapted internet websites.
For interactive discussions on Smart TV services, visit the Smart TV forum at www.supportforum.philips.com

Note

- Koninklijke Philips Electronics N.V. bears no responsibility for content provided by Smart TV service providers.

1 Connect your home theater to a home network with high-speed Internet access (see 'Connect and set up a home network' on page 13).
2 Press ⌂ (**Home**).
3 Select **[Smart TV]**, and then press **OK**.
4 Follow the onscreen instructions to confirm the onscreen message.
   ↳ The Smart TV home page is displayed.
5 Use the remote control to select applications and enter text (for example, email address, web URL, passwords, etc) (see 'Navigate Smart TV' on page 23).

Navigate Smart TV

Button	Action
Navigation buttons	Select an application or navigate.
OK	Confirm an entry or selection. Access the onscreen keyboard to enter text.
⮌ BACK	Return to the previous page. Delete a character in any text entry box.
☰ OPTIONS	Access options related to current activity.
Alphanumeric buttons	Enter characters in the text entry box.
Color buttons (Red)	Access the onscreen keyboard to enter text.
⌂ (Home)	Exit Smart TV portal and return to home menu.

Use a USB-HID keyboard or mouse

What you need

- A wired or wireless USB hub, keyboard, or mouse that complies with the Human Interface Design (USB-HID) class.

1 Connect a USB keyboard or mouse to the ⇤ (**USB**) connector on your home theater.
   - To connect a wireless USB device, connect the wireless receiver to the USB connector on your home theater. Refer to the user manual of the wireless USB device for details.
2 Press ⌂ (**Home**).
3 Select **[Setup]**, and then press **OK**.
4 Select **[Preference]** > **[Keyboard layout]**.
5 Select a language.
   ↳ The standard keyboard for that language is enabled.
6 Use the keyboard to type the characters, or mouse to navigate the web page.
   - USB-HID mouse cursor does not work on Smart TV and open Internet pages.
   - The multimedia keys on some keyboards are not supported.

Clear browsing history

Clear the browsing history to remove passwords, cookies, and browsing data from your home theater.

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Network]** > **[Clear Smart TV memory]**.
4 Press **OK** to confirm.

Rent online video

Rent videos from online stores, through your home theater. You can watch them right away or later.
Many online video stores offer a huge choice of video, with different rental prices, periods, and conditions. For some stores, you must create an account before you can rent.

What you need

- An SD memory card of type SDHC Class 6, with at least 8GB of memory.

1. Connect your home theater to a home network with high-speed Internet access (see 'Connect and set up a home network' on page 13).
2. Insert a blank SD memory card into the **SD CARD** slot on your home theater, and follow the onscreen instructions to format the card.
   - After formatting, leave the card in the **SD CARD** slot.
   - After formatting, the SD card will no longer be compatible with computers or cameras, unless formatted again using Linux operating system.
3. Press ⌂ (**Home**).
4. Select **[Smart TV]**, and then press **OK**.
   ↳ The online services available in your country are displayed.
5. Select a video store, and then press **OK**.
6. Follow the onscreen instructions to rent or watch a video. If prompted, enter the necessary information to register or log in to the store's account.
   ↳ The video is downloaded to your SD memory card. You can watch it only on your home theater.
7. Press the playback buttons to control play (see 'Play buttons' on page 15).
   - If you cannot play a video, check the file format to make sure that it is supported by your home theater (see 'File formats' on page 36).

Internet radio

Access Internet radio through your home theater.

1. Connect your home theater to a home network with Internet access (see 'Connect and set up a home network' on page 13).
2. Press ⌂ (**Home**).
3. Select **[Internet Radio]**, and then press **OK**.
   ↳ The Internet radio page is displayed.
4. Follow the onscreen instructions to select a radio station, create presets, or save your favorite radio stations.
5. Press ⌂ (**Home**) to exit the internet radio.

Multiview

You can watch two video sources side by side on some of the Philips TVs. The sources can be:

- video from your home theater,
- TV broadcasts, and
- Smart TV.

For information about how to set up multiview, see your TV user manual.

Browse PC through DLNA

Access and play the pictures, audio and video files from a computer or media server on the home network through your home theater.

Before you start

- Install a DLNA-compliant media server application on your device. Make sure that you download an application that works best for you. For example,
  - Windows Media Player 11 or higher for PC
  - Twonky Media Server for Mac or PC

- Enable media sharing of files. For ease of use, we have included the steps for the following applications:
  - Windows Media Player 11 (see 'Microsoft Windows Media Player 11' on page 25)
  - Windows Media Player 12 (see 'Microsoft Windows Media Player 12' on page 25)
  - Twonky Media for Mac (see 'Macintosh OS X Twonky Media (v4.4.2)' on page 26)

Note

- For additional help on these applications or other media servers, check the user manual of the media server software software.

Set up media server software

To enable media sharing, set up the media server software.

Before you start

- Connect your home theater to a home network. For better video quality, use wired connection whenever possible.
- Connect the computer and other DLNA-compatible devices to the same home network.
- Make sure that your PC firewall allows you to run Media Player programs (or the firewall's exemption list has the media server software included).
- Switch on your computer and the router.

Microsoft Windows Media Player 11

1. Start Windows Media Player on your PC.
2. Click the **Library** tab, and then select **Media Sharing.**
3. The first time you select **Media Sharing** on your PC,a pop-up screen appears. Check the **Share my media box** and click **OK**.
   ↳ The **Media Sharing** screen is displayed.
4. In the **Media Sharing** screen, make sure that you see a device marked as **Unknown Device**.
   ↳ If you don't see an unknown device after a minute or so, check that your PC firewall is not blocking the connection.
5. Select the unknown device and click **Allow.**
   ↳ A green tick appears next to the device.
6. By default, Windows Media Player shares from these folders: **My Music**, **My Pictures**, and **My Videos**. If your files are in other folders, select **Library** > **Add to Library**.
   ↳ The **Add to Library** screen is displayed.
   - If necessary, select **Advanced options** to display a list of monitored folders.
7. Select **My folders and those of others I can access**, and then click **Add.**
8. Follow the onscreen instructions to add the other folders that contain your media files.

Microsoft Windows Media Player 12

1. Start Windows Media Player on your PC.
2. In Windows Media Player, click the **Stream** tab, and then select **Turn on media streaming.**
   ↳ The **Media streaming options** screen is displayed.
3. Click **Turn on media streaming**.
   ↳ You return to Windows Media Player screen.
4. Click the **Stream** tab and select **More streaming options**.
   ↳ The **Media streaming options** screen is displayed.
5. Make sure that you see a media program in the **Local network** screen.
   ↳ If you don't see a media program, check that your PC firewall is not blocking the connection.

6 Select the media program and click **Allowed**.
   ↳ A green arrow appears next to the media program.

7 By default, Windows Media Player shares from these folders: **My Music**, **My Pictures**, and **My Videos**. If your files are in other folders, click the **Organize** tab and select **Manage libraries** > **Music**.
   ↳ The **Music Library Locations** screen is displayed.

8 Follow the onscreen instructions to add the other folders that contain your media files.

Macintosh OS X Twonky Media (v4.4.2)

1 Visit www.twonkymedia.com to purchase the software, or download a free 30-day trial to your Macintosh.
2 Start Twonky Media on the Macintosh.
3 In the Twonky Media Server screen, select **Basic Setup** and **First Steps**.
   ↳ The First steps screen is displayed.
4 Type a name for your media server, and then click Save changes.
5 Back in the Twonky Media screen, select **Basic Setup** and **Sharing.**
   ↳ The **Sharing** screen is displayed.
6 Browse and select folders to share, and then select **Save Changes**.
   ↳ Your Macintosh rescans the folders automatically so that they are ready to share.

Play files from your PC

Note

- Before you play multimedia content from the computer, make sure that the home theater is connected to the home network, and the media server software is properly set up.

1 Press ⌂ (**Home**).
2 Select **[browse PC]**, and then press **OK**.
   ↳ A content browser is displayed.
3 Select a device on the network.
   ↳ The folders in the selected device are displayed. Depending on the media server, the folder names may vary.
   - If you cannot see the folders, check that you have enabled media sharing on the selected device so that the content is available for sharing.
4 Select a file, and then press **OK**.
   - Some media files may not play due to compatibility issues. Check the file formats supported by your home theater.
5 Press the play buttons to control play (see 'Play buttons' on page 15).

Karaoke

Available only in selected model and region
Play a Karaoke disc on your home theater and sing along with the music.

What you need
- A Karaoke microphone.
- Karaoke discs.

Caution

- To prevent loud feedback or unexpected noise, turn the microphone volume to the minimum before you connect the microphone to your home theater.

1 Connect a karaoke microphone to the **MIC** connector on your home theater.
2 Switch your TV to the correct source for your home theater.
3 Make sure that audio post processing is enabled on your home theater (see 'Speaker settings' on page 30).
4 While playing a karaoke disc, press **OPTIONS**.
   ↳ The options menu is displayed.

5 Select **[Karaoke]**, and then press **OK**.
↳ The karaoke setup menu is displayed.

6 Press the **Navigation buttons** (up/down) and **OK** to change the following settings:
- **[Microphone]**: Turn the microphone on or off.
- **[Microphone volume]**: Change the microphone volume.
- **[Echo]**: Change the echo level.
- **[Key]**: Change the pitch to match your voice.
- **[Vocal support]**: Select an audio mode, or turn the vocal on or off.

Choose sound

This section helps you choose the ideal sound for your video or music.

1 Press **SOUND SETTINGS**.

2 Press the **Navigation buttons** (left/right) to access the sound options on the display.

Sound options	Description
SOUND	Select a sound mode.
SURROUND	Select surround sound or stereo sound.
AUD SYNC	Delay the audio to match the video.

3 Select an option, and then press **OK**.

4 Press **BACK** to exit.
- If you do not press a button within a minute, the menu exits automatically.

Surround sound mode

Experience an immersive audio experience with surround sound modes.

1 Press **SOUND SETTINGS**.

2 Select **SURROUND**, and then press **OK**.

3 Press the **Navigation buttons** (up/down) to select a setting from your display:
- **AUTO**: Automatically select a sound setting based on the sound stream.
- **AMBISOUND MOVIE**: Multi-channel sound for best cinematic experience.
- **AMBISOUND MUSIC**: Multi-channel sound for music and live concerts.
- **STEREO**: Two-channel stereo sound. Ideal for listening to music.

4 Press **OK** to confirm.

Sound mode

Select predefined sound modes to suit your video or music.

1 Make sure that audio post processing is enabled at the speakers (see 'Speaker settings' on page 30).

2 Press **SOUND SETTINGS**.

3 Select **SOUND**, and then press **OK**.

4 Press the **Navigation buttons** (up/down) to select a setting on the display:
- **AUTO**: Intelligently select the best sound setting based on the audio played.
- **BALANCED**: Experience the original sound of your movies and music, without added sound effects.
- **POWERFUL**: Enjoy thrilling arcade sounds, ideal for action-packed videos and loud parties.
- **BRIGHT**: Spice up your dull movies and music with added sound effects.
- **CLEAR**: Hear every detail in your music and clear voices in your movies.
- **WARM**: Experience spoken words and music vocals in comfort.
- **PERSONAL**: Personalize the sound based on your preferences.

5 Press **OK** to confirm.

Equalizer

Change the high frequency (treble), mid frequency (mid), and low frequency (bass) settings of the home theater.

1. Press **SOUND SETTINGS**.
2. Select **SOUND** > **PERSONAL**, and then press **Navigation buttons** (right).
3. Press the **Navigation buttons** (up/down) to change bass, mid or treble frequency.
4. Press **OK** to confirm.

6 Change settings

The home theater settings are already configured for optimal performance. Unless you have a reason to change a setting, we recommend that you keep the default setting.

Note

- You cannot change a setting that is grayed out.
- To return to the previous menu, press BACK. To exit the menu, press (Home).

Language settings

1 Press (Home).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
   - **[Menu language]**: Select a display language for menu.
   - **[Audio]**: Select an audio language for discs.
   - **[Keyboard layout]**: Select a keyboard in your language.
   - **[Subtitle]**: Select a subtitle language for discs.
   - **[Disc menu]**: Select a menu language for discs.

Note

- If your preferred disc language is not available, select **[Others]** from the list, and enter the 4-digit language code found at the end of this user manual (see 'Language code' on page 46).
- If you select a language that is not available on a disc, the home theater uses the default language of the disc.

Picture and video settings

1 Press (Home).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Video]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
   - **[TV display]**: Select a picture format to fit the TV screen.
   - **[HDMI video]**: Select the resolution of video signal that is output from **HDMI OUT (ARC)** on your home theater. To enjoy the selected resolution, make sure that your TV supports the selected resolution.
   - **[HDMI Deep Color]**: Recreate the natural world on your TV screen by displaying vivid images using billion colors. Your home theater must be connected to a Deep Color enabled TV through an HDMI cable.
   - **[Picture settings]**: Select pre defined color settings for the video display. Select **[User]** to create your own setting.
   - **[Watch 3D video]**: Set HDMI video to support 3D or 2D video.

Note

- If you change a setting, make sure that the TV supports the new setting.

Audio settings

1 Press (Home).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Audio]**, and then press **OK**.

4 Press the **Navigation buttons** and **OK** to select and change:
- **[Night mode]**: For quiet listening, decrease the volume of loud sounds on your home theater. Night mode is only available in DVDs and Blu-ray discs with Dolby Digital, Dolby Digital Plus, and Dolby True HD soundtracks.
- **[HDMI Audio]**: Set the HDMI audio output from your TV, or disable HDMI audio output from the TV.
- **[Audio sync]**: Set audio delay if audio and video cannot be matched.
- **[Ambisound setup]**: Set up Ambisound to give the best surround sound effect. Follow the instructions on the TV to complete the setup.

Parental control settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Change Password]**: Set or change your password for parental control access. If you do not have a password or have forgotten your password, enter **0000**.
- **[Parental control]**: Restrict access to discs that are recorded with age ratings. To play all discs, irrespective of the ratings, select **8** or **[Off]**.

Display settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Auto subtitle shift]**: Enable or disable automatic repositioning of subtitles on TVs that support this feature.
- **[Display panel]**: Set the brightness of the home theater front panel display.
- **[VCD PBC]**: Enable or disable the content menu navigation of VCD and SVCD discs with Play Back Control feature.

Energy saving settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Preference]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Screen saver]**: Switch the home theater to screen saver mode after 10 minutes of inactivity.
- **[Auto standby]**: Switch the home theater to standby after 30 minutes of inactivity. This timer works only when a disc or USB play is paused or stopped.
- **[Sleep timer]**: Set the duration of the sleep timer so that the home theater is switched to standby after the specified period.

Speaker settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Advanced]**, and then press **OK**.
4 Press the **Navigation buttons** and **OK** to select and change:
- **[Enhanced audio]**: Select **[On]** to enable audio post processing at the speaker and enable karaoke settings (if your product supports Karaoke). To play the original audio of the disc, select **[Off]**.

Tip

- Enable audio post processing before you select a predefined sound mode (see 'Sound mode' on page 27).

Restore default settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, and then press **OK**.
3 Select **[Advanced]** > **[Restore default settings]**, and then press **OK**.
4 Select **[OK]**, and then press **OK** to confirm.
   ↳ Your home theater is reset to its default settings except for some settings such as parental control and DivX VOD registration code.

7 Update software

Philips continually tries to improve its products. To get the best features and support, update your home theater with the latest software.

Compare the version of your current software with the latest version on www.philips.com/support. If the current version is lower than the latest version available on the Philips support website, upgrade your home theater with the latest software.

Caution

- Do not install a lower version of software than the current version installed on your product. Philips is not liable for problems caused due to software downgrade.

Check software version

Check the version of the current software installed on your home theater.

1. Press ⌂ (**Home**).
2. Select **[Setup]**, and then press **OK**.
3. Select **[Advanced]** > **[Version information]**.
   ↳ The software version is displayed.
   - 'System SW' displayed indicates the overall software version. 'Subsystem SW' indicates the version of different features. For example, if 'Subsystem SW' is '35-00-00-05", the last two digits ('05') indicate the current version of the onscreen help installed on your home theater.

Update software through USB

What you need

- A USB flash drive that is FAT or NTFS-formatted, with at least 100MB of memory. Do not use a USB hard drive.
- A computer with Internet access.
- An archive utility that supports the ZIP file format.

Step 1: Download the latest software

1. Connect a USB flash drive to your computer.
2. In your web browser, go to www.philips.com/support.
3. At the Philips Support website, find your product and locate the **Software and drivers**.
   ↳ The software update is available as a zip file.
4. Save the zip file in the root directory of your USB flash drive.
5. Use the archive utility to extract the software update file in the root directory.
   ↳ The files are extracted under the **UPG** folder of your USB flash drive.
6. Disconnect the USB flash drive from your computer.

Step 2: Update the software

Caution

- Do not switch off the home theater or remove the USB flash drive during the update.

1. Connect the USB flash drive containing the downloaded file to your home theater.
   - Make sure that no disc is inside the disc compartment.
2. Press ⌂ (**Home**).

3 Select **[Setup]**, and then press **OK**.
4 Select **[Advanced]** > **[Software update]** > **[USB]**.
5 Follow the onscreen instructions to confirm the update.
   ↳ Update process takes about 5 minutes to complete.
   ↳ Once complete, the home theater automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.

Update software through the Internet

1 Connect your home theater to a home network with a high-speed Internet access (see 'Connect and set up a home network' on page 13).
2 Press ⌂ (**Home**).
3 Select **[Setup]**, and then press **OK**.
4 Select **[Advanced]** > **[Software update]** > **[Network]**.
   ↳ If an upgrade media is detected, you are prompted to start or cancel the update.
   ↳ Downloading of the upgrading file may take long, depending on your home network condition.
5 Follow the onscreen instructions to confirm the update.
   ↳ Update process takes about 5 minutes to complete.
   ↳ Once complete, the home theater automatically switches off and restarts. If it does not, disconnect the power cord for a few seconds and then reconnect it.

Update the onscreen help

If the current version of the onscreen help is lower than the latest version available on www.philips.com/support, download and install the latest onscreen help (see 'Check software version' on page 32).

What you need
- A USB flash drive that is FAT or NTFS-formatted, with at least 35MB of memory. Do not use a USB hard drive.
- A computer with internet access.
- An archive utility that supports the ZIP file format.

Step 1: Download the latest onscreen help

1 Connect a USB flash drive to your computer.
2 In your web browser, go to www.philips.com/support.
3 At the Philips support website, find your product and click on **User manuals**, and then locate the **User Manual Upgrade Software**.
   ↳ The help update is available as a zip file.
4 Save the zip file in the root directory of your USB flash drive.
5 Use the archive utility to extract the help update file in the root directory.
   ↳ A file named 'HTBxxxxeDFU.zip' is extracted under the **UPG** folder of your USB flash drive, 'xxxx' being the model number of your home theater.
6 Disconnect the USB flash drive from your computer.

Step 2: Update onscreen help

Caution

- Do not switch off the home theater or remove the USB flash drive during the update.

1. Connect the USB flash drive containing the downloaded file to your home theater.
   - Make sure that no disc is inside the disc compartment.
2. Press ⌂ (**Home**).
3. Enter **338** on the remote control.
4. Follow the onscreen instructions to confirm the update.
5. Disconnect the USB flash drive from the home theater.

8 Wall mount your home theater

Before you mount your home theater on the wall, read all safety precautions. (see 'Safety' on page 3)

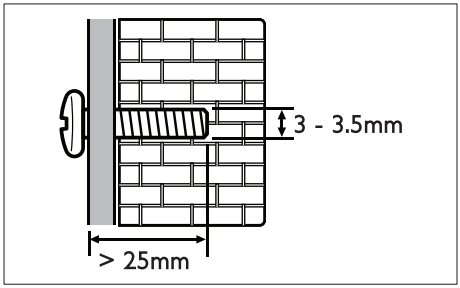
Wall mount

Note

- Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage. If you have any query, contact Philips Consumer Care in your country.
- Secure the wall mount to a wall that can support the combined weight of the product and the wall mount bracket.

Screw length/diameter

Depending on the type of wall mounting this wall mount bracket, make sure that you use screws of a suitable length and diameter.



For information about how to wall mount your home theater, see the wall mount guide.

9 Product specifications

Note

- Specifications and design are subject to change without notice.

Region codes

The type plate on the back or bottom of the home theater shows which regions it supports.

Country	DVD	BD
Europe, United Kingdom		
Asia Pacific, Taiwan, Korea		
Latin America		
Australia, New Zealand		
Russia, India		
China		

Media formats

- AVCHD, BD, BD-R/ BD-RE, BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL, CD-R/CD-RW, Audio CD, Video CD/SVCD, Picture files, MP3 media, WMA media, DivX Plus HD media, USB storage device

File formats

- Audio:
  - .aac, .mka, .mp3, .wma, .wav, .mp4, .m4a, .flac, .ogg
  - .ra (Available only in Asia Pacific and China)
- Video:
  - .avi, .divx, .mp4, .m4v, .mkv, .m2ts, .mpg, .mpeg, .flv, .3gp
  - .asf, .wmv, .rmvb, .rm, .rv (Available only in Asia Pacific and China)
- Picture: .jpg, .jpeg, .gif, .png

Audio formats

Your home theater supports the following audio files.

Extension	Container	Audio codec	Bit rate
.mp3	MP3	MP3	Upto 320 kbps
.wma	ASF	WMA	Upto 192 kbps
		WMA Pro	Upto 768 kbps
.aac	AAC	AAC, HE-AAC	Upto 192 kbps
.wav	WAV	PCM	27.648 Mbps
.m4a	MKV	AAC	192 kbps
.mka	MKA	PCM	27.648 Mbps
		Dolby Digital	640 kbps
		DTS core	1.54 Mbps
		MPEG	912 kbps
		MP3	Upto 320 kbps
		WMA	Upto 192 kbps
		WMA Pro	Upto 768 kbps
		AAC, HE-AAC	Upto 192 kbps
.ra	RM	AAC, HE-AAC	Upto 192 kbps
		Cook	96469 bps
.flac	FLAC	FLAC	Upto 24 bps
.ogg	OGG	Vorbis	Variable bit rate, maximum block size 4096

Extension	Container	Audio codec	Bit rate
		FLAC	Upto 24 bps
		OGGPCM	No limit
		MP3	Upto 320 kbps

Video formats

If you have a high definition TV, your home theater allows you to play your:

- video files with a resolution of 1920 x 1080 pixels (except DivX, which has a resolution of 77220 x 576) and frame rate of 6 ~ 30 frames per second.
- photo files with a resolution of 18 M pixels.

.avi files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MP3, WMA	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max
	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 SP / ASP	38.4 Mbps
	H.264/AVC upto HiP@5.1	25 Mbps
	WMV9	45 Mbps

.divx files in AVI container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, MP3, WMA	DivX 3.11, DivX 4.x, DivX 5.x, DivX 6.x	10 Mbps max

.mp4 or .m4v files in MP4 container

Audio codec	Video codec	Bit rate
Dolby Digital, MPEG, MP3, AAC, HE-AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC HiP@5.1	25 Mbps

.mkv files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE-AAC, DD+	DivX Plus HD	30 Mbps
	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC HiP@5.1	25 Mbps
	WMV9	45 Mbps

.m2ts files in MKV container

Audio codec	Video codec	Bit rate
PCM, Dolby Digital, DTS core, MPEG, MP3, WMA, AAC, HE-AAC, DD+	MPEG 1, MPEG 2	40 Mbps
	MPEG 4 ASP	38.4 Mbps
	H.264/AVC HiP@5.1	25 Mbps
	WMV9	45 Mbps

.asf and .wmv files in ASF container

Audio codec	Video codec	Bit rate
Dolby Digital, MP3, WMA, DD+	MPEG 4 ASP	38.4 Mbps
	H.264/AVC HiP@5.1	25 Mbps
	WMV9	45 Mbps

.mpg and .mpeg files in PS container

Audio codec	Video codec	Bit rate
PCM, DTS core, MPEG, MP3	MPEG 1, MPEG 2	40 Mbps

.flv files in FLV container

Audio codec	Video codec	Bit rate
MP3, AAC	H.264/AVC upto HiP@5.1	25 Mbps
	H.263	38.4 Mbps
	On2 VP6	40 Mbps

.3gp files in 3GP container

Audio codec	Video codec	Bit rate
AAC, HE-AAC	MPEG 4 ASP	38.4 Mbps
	H.264/AVC upto HiP@5.1	25 Mbps max

.rm, .rv, and .rmvb files in RM container (Available only in Asia Pacific and China)

Audio codec	Video codec	Bit rate
AAC, COOK	RV30, RV40	40 Mbps

Amplifier

- Total output power:
  - **HTB7150**:
    480W RMS (+/- 0.5 dB, 30% THD) /
    400W RMS (+/- 0.5 dB, 10% THD)
  - **HTB9150**:
    600W RMS (+/- 0.5 dB, 30% THD) /
    500W RMS (+/- 0.5 dB, 10% THD)
- Frequency response:
  20 Hz-20 kHz / ±3 dB
- Signal-to-noise ratio: > 65 dB (CCIR) / (A-weighted)
- Input sensitivity:
  - AUX: 600 mV
  - Music iLink: 300 mV

Video

- Signal system: PAL / NTSC
- HDMI output: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p24

Audio

- S/PDIF Digital audio input:
  - Optical: TOSLINK
- Sampling frequency:
  - MP3: 32 kHz, 44.1 kHz, 48 kHz
  - WMA: 44.1 kHz, 48 kHz
- Constant bit rate:
  - MP3: 32 kbps - 320 kbps
  - WMA: 48 kbps - 192 kbps

Radio

- Tuning range:
  - Europe/Russia/China:
    FM 87.5-108 MHz (50 kHz)
  - Asia Pacific/Latin America:
    FM 87.5-108 MHz (50/100 kHz)
- Signal-to-noise ratio: FM 50 dB
- Frequency response:
  FM 180 Hz-12.5 kHz / ±3 dB

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class (MSC)
- File system: FAT16, FAT32, NTFS

Main unit

- Power supply:
  - Europe/China: 220-240 V~, 50 Hz
  - Latin America/Asia Pacific:
    110-127 V/220-240 V~, 50-60 Hz
  - Russia/India: 220-240 V~, 50 Hz
- Satellite speakers:
  - **HTB7150**: 4 x 2.5" woofer speakers
  - **HTB9150**: 6 x 2.5" woofer speakers

- Power consumption:
  - **HTB7150**: 80 W
  - **HTB9150**: 85 W
- Standby power consumption: 0.2 - 0.25 W
- Dimensions (WxHxD):
  927 x 150 x 87 mm
- Weight:
  - **HTB7150**: 4.6 KG
  - **HTB9150**: 5.0 KG

Subwoofer

- Impedance: 4 ohm
- Speaker drivers: 1 x 6.5" woofer
- Dimensions (WxHxD):
  196 x 392 x 300 mm
- Weight:
  - **HTB7150**: 4.5 KG
  - **HTB9150**: 4.8 KG

Remote control batteries

- 2 x AAA-R03-1.5 V

Laser

- Laser Type (Diode): InGaN/AlGaN (BD), AlGaInP (DVD/CD)
- Wave length: 405 +7 nm/-7 nm (BD), 655 +10 nm/-10 nm (DVD), 790 +10 nm/-20 nm (CD)
- Output power (Max. ratings):
  20 mW (BD), 6 mW (DVD), 7 mW (CD)

10 Troubleshooting

Warning

- Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.
If you have problems using this product, check the following points before you request service. If you still have a problem, get support at www.philips.com/support.

Main unit

The buttons on the home theater do not work.

- Disconnect the home theater from the power supply for a few minutes, then reconnect.
- Make sure that the touch buttons surface is not in contact with any conductive material, like water drop, metal, etc.

Picture

No picture.

- Make sure that the TV is switched to the correct source for the home theater.

No picture on a TV connected through HDMI.

- Make sure that you use a High Speed HDMI cable to connect the home theater and TV. Some Standard HDMI cables do not display properly for some images, 3D video, or Deep Color.
- Make sure that the HDMI cable is not faulty. If it is faulty, replace it with a new cable.
- Press ⌂ (**Home**) and then **731** on the remote control to restore the default picture resolution.
- Change the HDMI video setting, or wait for 10 seconds for auto recovery.

Disc does not play high-definition video.

- Make sure that the disc contains high-definition video.
- Make sure that the TV supports high-definition video.
- Use an HDMI cable to connect to the TV.

Sound

No sound from home theater speakers.

- Connect the audio cable from your home theater to your TV or other devices. However, you do not need a separate audio connection when the home theater and TV are connected through an **HDMI ARC** connection.
- Set up the audio for the connected device.
- Reset your home theater to its factory settings, and then switch it off and switch on again.
- On your home theater, press **SOURCE** repeatedly to select the correct audio input.

Distorted sound or echo.

- If you play audio from the TV through the home theater, make sure that the TV is muted.

Audio and video are not synchronized.

- 1) Press **SOUND SETTINGS**.
  2) Press the **Navigation buttons** (left/right) to select **AUD SYNC**, and then press **OK**.
  3) Press the **Navigation buttons** (up/down) to synchronize the audio with the video.

Play

Cannot play a disc.

- Clean the disc.
- Make sure that the home theater supports the type of disc (see 'Media formats' on page 36).
- Make sure that the home theater supports the region code of the disc.

- If the disc is a DVD±RW or DVD±R disc, make sure that it is finalized.

Cannot play a DivX file.
- Make sure that the DivX file is encoded according to the 'Home Theater Profile' with the DivX encoder.
- Make sure that the DivX file is complete.

DivX or RMVB/RM subtitles do not display correctly.
- Make sure that the subtitle file name is the same as the movie file name (see 'Subtitles' on page 17).
- Select the correct character set:
  1) Press **OPTIONS**.
  2) Select **[Character set]**.
  3) Select the supported character set.
  4) Press **OK**.

Cannot read the contents of a USB storage device.
- Make sure that the format of the USB storage device is compatible with the home theater.
- Make sure that the file system on the USB storage device is supported by the home theater.

'No entry' or 'x' sign appears on the TV.
- The operation is not possible.

EasyLink does not work.
- Make sure that the home theater is connected to a Philips brand EasyLink TV, and the EasyLink option is turned on (see 'Set up EasyLink (HDMI-CEC control)' on page 12).
- For TVs from different manufacturers, the HDMI CEC could be called differently. Check the TV user manual on how to enable it.

When you switch on the TV, the home theater automatically switches on.
- This behavior is normal when you are using Philips EasyLink (HDMI-CEC). To make the home theater work independently, switch off EasyLink.

Cannot access BD-Live features.
- Make sure that the home theater is connected to the network. Use a wired network connection or wireless network connection.
- Make sure that the network is set up. Use a wired network installation or wireless network installation.
- Make sure that the Blu-ray disc supports BD-Live features.
- Clear memory storage.

Cannot play video or photos from an iPod or iPhone on the TV.
- Browse and select videos and photos from the iPod or iPhone screen, and play them on your TV.
- Make sure that the iPod or iPhone software has not been tampered with or illegally modified.

Cannot view pictures from an iPod or iPhone on the TV.
- Connect a yellow composite cable to the iPod dock and the TV.
- Switch the TV to the **AV/VIDEO** source (corresponding to the yellow composite cable).
- Press the play button on the iPod or iPhone to start a slideshow.
- Make sure that the iPod or iPhone software has not been tampered with or illegally modified.

My 3D video played in 2D mode.
- Make sure that your home theater is connected to a 3D TV through an HDMI cable.
- Make sure that the disc is a Blu-ray 3D disc, and the Blu-ray 3D video option is on.

TV screen is black when you play a Blu-ray 3D video or a DivX copy protected video.
- Make sure that the home theater is connected to the TV through an HDMI cable.
- Switch to the correct HDMI source on the TV.

Cannot download video from an online video store.

- Make sure that your home theater is connected to the TV through an HDMI cable.
- Make sure that the SD card is formatted, has enough memory to download the video, and is of type SDHC Class 6.
- Make sure that you have paid for the video, and it is within the rental period.
- Make sure that the network connection is good. Use a wired network connection or a wireless network connection.
- Visit the video store website for more information.

Network

Wireless network distorted or not found.

- Make sure that the wireless network is not disturbed by microwave ovens, DECT phones, or other neighboring Wi-Fi devices.
- Place the wireless router and the home theater within five meters of each other.
- If the wireless network does not work properly, try a wired network installation.

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real rmvb

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CLASS 1
LASER PRODUCT

12 Language code

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PHILIPS

Philips Consumer Lifestyle

HK-1229-HTB9150 HTB7150 — Year 2012

(Report No. / Numéro du Rapport)

(Year in which the CE mark is affixed / Année au cours de laquelle le marquage CE a été apposé)

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EN55022:2010
EN301489-1 V1.9.2 :2011
EN301489-17 V2.1.1 :2009
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